

JUN 02 2004

PTO/SB/08A (10/01) (modified)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(use as many sheets as necessary)*

Application Number 10/659,367

Filing Date 09/11/2003

First Named Inventor Fei CHEN

Art Unit 1641

Examiner Name TBA

Sheet 1 of 1 Attorney Docket Number 60589.000014

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
GC		EP	1 061 369 A2	20/12/2000	Roche Diagnostics GmbH		<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE /Gary Counts/

DATE CONSIDERED 04/19/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 60589.000014		SERIAL NO.: 10/659,367	
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary) Page 1 of 1		INVENTOR'S NAME: Fei CHEN et al.		EXAMINER: Unassigned	
		FILING DATE: September 11, 2003		GROUP: 1641	

OIP
 FEB 09 2004
 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS AND SUBCLASS	TRANSLATION PROVIDED	
						Yes	No
GC	1.	0617284 A2	09-28-1994	EP		X	
GC	2.	01/31337 A2	05-03-2001	WO		X	

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)		
GC	3.	S. A. ABEYAWARDENE et al., "Concentrations of Oestradiol-17 β and Progesterone in Bovine Plasma and Defatted Milk During The Post-Partum Anovulatory Period, During Oestrous Cycles and Following Ovariectomy," Br. Vet. J. (1984) 140, pp. 458-467
GC	4.	M. D. ROYAL et al., "Declining fertility in dairy cattle: changes in traditional and endocrine parameters of fertility," Animal Science, 2000, 70, pp. 487-501
GC	5.	A. WALDMANN, "Enzyme immunoassay (EIA) for milk progesterone using a monoclonal antibody," Animal Reproduction Science, 34 (1993), pp. 19-30
GC	6.	International Search Report date 12-10-03 for Application No. PCT/DK03/00586

EXAMINER /Gary Counts/	DATE CONSIDERED 04/19/2006
-------------------------------	-----------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(REV. 7-80) PATENT AND TRADEMARK OFFICE**

ATTY. DOCKET NO.:
60589.000014

SERIAL NO.:
10/659,367

INVENTOR'S NAME:
Fei CHEN et al.

EXAMINER:
Unassigned

FILING DATE:
September 11, 2003

GROUP:
Unassigned

LIST OF MATERIALS CITED BY APPLICANT

(Use several sheets if necessary)

Page 1 of 2

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
GC	1.	6001658	12-14-1999	Fredrickson			
	2.	5252496	10-12-1993	Kang et al.			
	3.	6027943	02-22-2000	Kang et al.			
	4.	5037764	08-06-1991	Wilk et al.			
	5.	6146589	11-14-2000	Chandler			
	6.	5985675	11-16-1999	Charm et al.			
	7.	4446232	05-01-1984	Liotta			
	8.	5229073	07-20-1993	Luo et al.			
	9.	5310650	05-10-1994	McMahon et al.			
GC	10.	4189304	02-19-1980	Adams, Jr. et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS AND SUBCLASS	TRANSLATION PROVIDED	
						Yes	No
GC	11.	0225054 A1	06-10-1987	EP		X	
	12.	0291194	11-17-1988	EP		X	
	13.	9008322	07-26-1990	WO		X	
	14.	0381173 A2	08-08-1990	EP		X	
	15.	9222797	12-23-1992	WO		X	
	16.	0585912 A1	03-09-1994	EP		X	
	17.	0617284 A2	09-28-1994	EP		X	
	18.	0617284 A3	09-28-1994	EP		X	
	19.	9624060	08-08-1996	WO		X	
	20.	9635123	11-07-1996	WO		X	
	21.	9727484	07-31-1997	WO		X	
GC	22.	0810436 A1	12-03-1997	EP		X	

EXAMINER

/Gary Counts/

DATE CONSIDERED

04/19/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary) Page 2 of 2	ATTY. DOCKET NO.: 60589.000014	SERIAL NO.: 10/659,367
	INVENTOR'S NAME: Fei CHEN et al.	EXAMINER: Unassigned
	FILING DATE: September 11, 2003	GROUP: Unassigned

FOREIGN PATENT DOCUMENTS

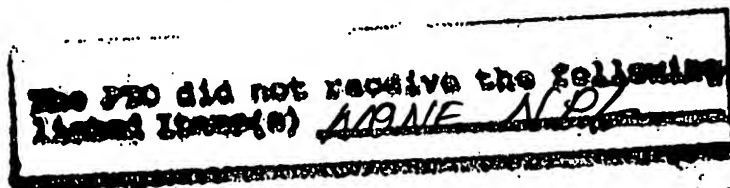
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS AND SUBCLASS	TRANSLATION PROVIDED
GC	23.	0895084 A2	02-03-1999	EP		X
	24.	9909410	02-25-1999	WO		X
	25.	0903584 A1	03-24-1999	EP		X
	26.	9918439	04-15-1999	WO		X Abstract
	27.	0020866	04-13-2000	WO		X
	28.	0031539	06-02-2000	WO		X
	29.	1061369 A2	12-20-2000	EP		X
	30.	0131337 A2	05-03-2001	WO		X
GC	31.	0142788 A2	06-14-2001	WO		X

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)

32.	ABEYAWARDENE, S.A., et al., 1984, Concentrations of oestradiol-17b and progesterone in bovine plasma and defatted milk during the post-partum anovulatory period, during oestrous cycles and following ovariectomy, Br. Vet. J., 140, 458-467 (NO COPY)
33.	ROYAL M.D. et al. Declining fertility in dairy cattle: changes in traditional and endocrine parameters of fertility, Animal Science 70, 487-501 (NO COPY)
34.	SALISBURY, G.W. et al., 1961, Physiology of reproduction and artificial insemination of cattle, 1-699, W.H. Freeman and Co. (NO COPY)
35.	WALDMANN A. 1993 Enzyme immunoassay (EIA) for milk progesterone using a monoclonal antibody, Animal Reproduction Science 34, 19-30 (NO COPY)

EXAMINER /Gary Counts/	DATE CONSIDERED 04/19/2006
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

X Above references 32-35 were not considered because no copy of the references were provided.



Substitute for form 1449A/PTO

APR 19 2006

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number**10/659,367****Filing Date****September 11, 2003****First Named Inventor****Fei CHEN, et al****Art Unit****1641****Examiner Name****Gary W. Counts****Sheet****1 of 1****Attorney Docket Number****60589.000014****U.S. PATENT DOCUMENTS**

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GC	1.	US- 5,989,921	11-23-1999	Charlton, et al.	
	2.	US- 5,714,389	02-03-1998	Charlton, et al.	
	3.	US- 6,485,982	11-26-2002	Charlton	
	4.	US- 5,120,643	06-09-1992	Ching, et al.	
	5.	US- 5,559,041	09-24-1996	Kang, et al.	
	6.	US- 4,703,017	10-27-1987	Campbell, et al.	
	7.	US- 5,073,484	12-17-1991	Swanson, et al.	
	8.	US- 5,602,040	02-11-1997	May, et al.	
	9.	US- 4,855,240	08-08-1989	Rosenstein, et al.	
	10.	US- 6,406,920	06-18-2002	Davis, et al.	
GC	11.	US- 6,352,862	03-05-2002	Davis, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

EXAMINER SIGNATURE

/Gary Counts/

DATE CONSIDERED

05/02/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.